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<u>L1</u>	(vacuum adj chamber) and (gradient adj coil)	32	<u>L1</u>

END OF SEARCH HISTORY

Food Science and Technology, Elsevier Science Publishers, pp. 134-139, 1990.
McCarthy et al., "Real Time Monitoring of the Extent of Freezing and Thawing in Foods",
Symposium on Freezing Int. Un. Food Sci. & Tech., Toronto, 1991.

ART-UNIT: 225

PRIMARY-EXAMINER: Arana; Louis M.

ATTY-AGENT-FIRM: O'Banion; John P.

ABSTRACT:

A non-invasive apparatus and method for determining changes in the enthalpy of an object undergoing a freezing cycle using nuclear magnetic resonance (NMR) imaging (NMRI) techniques. Enthalpy is determined from the position of the ice interface of said object or, alternatively, from the liquid/solid ratio of the object.

10 Claims, 2 Drawing figures

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
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EXCHANGER.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	242538
EXCHANGERS.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	65225
(2 AND (HEAT ADJ EXCHANGER)).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	13
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